

FOLIO

UNIVERSITY OF ALBERTA
27 JANUARY 1995



INSIDE

- Joan Schiebelbein on the new economy (p 2)
- U of A trio helps plan UN celebration (p 3)
- MBA program undergoes macro and micro changes (p 5)

Quality of graduates one of best ways to be accountable

'Most people quite prepared to be evaluated—but only by God and history'

By Michael Robb

As long as University professors receive public and private funding, they're going to have to be accountable, says Vice-President (Research) Martha Piper.

In the past, universities have done a relatively good job of monitoring how well research is done, the Vice-President told a public forum last week. The more difficult part is explaining outcomes—and that's what the public wants to hear about. Those have to go beyond traditional ways of measuring outcomes of knowledge, such as citations and publications.

"We need to look at it in terms of the products and services that our research provides and its impact on culture, society, social policy and economic diversity," Dr Piper said.

Universities, she noted, are going to be pushed on the issue of quality. "One of our best indicators of quality is the people we train, where they go and what leadership roles they play."

Speaking from the National Research Council facility via a telecommunications link, Social Sciences and Humanities Research Council President Lynn Penrod said, "The difficult problem is measuring quality, and deciding which indicators will show you what you do have in terms of quality."

Dr Penrod said those measures and performance indicators have to be set in the proper context, in sync with institutions' respective missions. "We've focused up till now on the things we can count, but we have to do a better job of talking about the

quality," she said, acknowledging that she is constantly asked to talk about the impact of research in the social sciences and humanities.

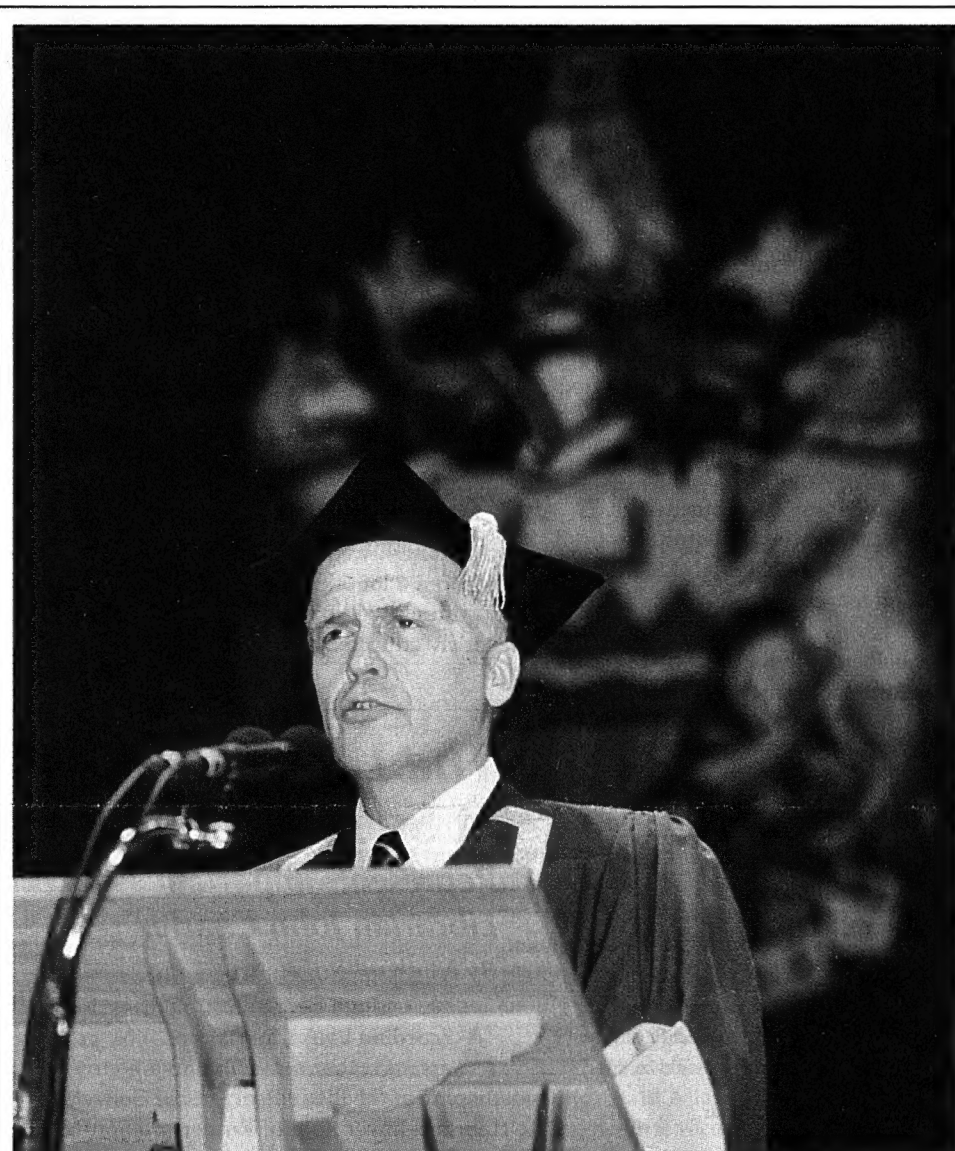
"We've assumed that people knew we were accountable and doing a good job," Dr Penrod said, but researchers haven't taken the time to report that or make it clear to people. There are limits to measuring accountability, however, and a balance must be established.

On the issue of accountability and teaching, Pharmacology Professor David Cook said most people are quite prepared to be evaluated, but only by God and history. Processes to evaluate teaching have to be credible and believable and they must be as uniform as they can be.

Furthermore, Dr Cook said, teaching evaluations have to be geared to improving teaching and not used "as a stick to beat us." And finally, excellence in teaching has to lead to demonstrable rewards.

Electrical Engineering Professor Peter Smy said most professors would agree that teaching and research have to be evaluated. Increasingly more attention has to be devoted to the employability of the University's undergraduate and graduate students, he said.

The forum, sponsored by the Association of Academic Staff, was entitled "Images and Measurement: The Future of the Profession, An interactive dialogue live from two centres." It was held in 231 Civil-Electrical Engineering Building, 17 January.



President charts University's course

At his installation last Friday, President Rod Fraser expressed confidence in the University's ability to seize the opportunities presented by several monumental changes in our society while remaining true to traditions of teaching and scholarship. He called for the creation of an "optimal learning environment" and for individuals to take personal responsibility for "doing the right thing." Please see page 4 for Installation Week photo spread.

GSA says no to strike

May have violated terms of their contracts with University

By Michael Robb

While thousands of students took part in a national strike organized by the Canadian Federation of Students last Wednesday, most of this University's graduate students were engaged in their regular activities.

The organization that represents graduate students on this campus, the Graduate Students' Association Council, decided not to participate in the strike that was organized to protest the federal government proposals contained in the discussion paper, *Agenda: Jobs and Growth, Improving Social Security in Canada*.

GSA President Kimberley Krushell said, "In our experience, demonstrating has not been a very successful way to address edu-

cational concerns. Rather, we believe in working with the government to come up with solutions to ensure that we continue to have an accessible and affordable post-secondary system."

GSA Vice-President Brent Roe had other concerns. "Graduate students who neglect their teaching and research duties by participating in the student strike could expose themselves to disciplinary action because they could be violating their contract with the University.

"I do not understand how not attending university for one day would convey to the public our concerns regarding the federal proposals [contained in the discussion paper]."

Continued on page 3

Ady, Krushell going head to head

Will debate costs of education Monday

By Ron Thomas

Could the proposed federal cost cutting measures result in the doubling of tuition fees in Alberta in one year?

Students and others in the postsecondary education sector may not get the definitive answer at a debate and forum at Grant MacEwan Community College on Monday, 30 January, but they will get plenty of facts and opinions from Jack Ady and Kimberley Krushell, and they will be able to contribute to the discussion.

Ady, Minister of Alberta Advanced Education and Career Development, and Krushell, president of the U of A Graduate Students' Association and Vice-Chair of the Canadian Graduate Council, will debate the following topics: federal government cuts; student finance: who does it serve?; and,

where is the balance between taxpayer and students? (Both debaters are opposed to federal cuts, but, for argument's sake, Krushell will ask Ady how he can take that view when his government continues to trim budgets.)

"This is a free-for-all," says the event's coordinator, James Morrissey. "We want to take as many questions as possible."

Pam Barrett of CFRN TV will moderate the debate and forum, which will take place in the Conference Theatre (C-142) of the City Centre Campus, 10070 104 Avenue, from 6:30 to 8 pm.

The portion of the debate that follows each debater's 10-minute opening remarks (approximately 6:50-7 pm) will be broadcast live on CFRN TV.

CaPS official explains dimensions of the new economy to students

By Michael Robb

If you expect to land a steady job with a corporate giant and stay there safe within its corporate womb for the next 40 years, think again.

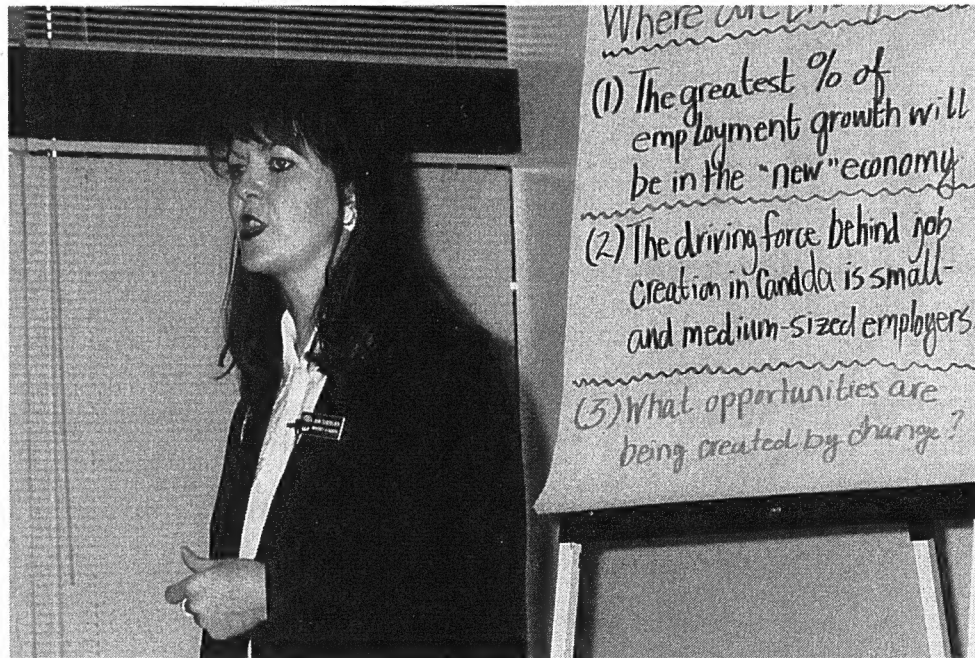
Career changes are going to be much more frequent in the new economy, says an official with Career and Placement Services (CaPS). And there will be far less economic security.

Addressing students last week at a forum entitled "Where are the Jobs? Understanding the Labour Market," CaPS Manager of Career Services Joan Schiebelbein said traditional industries are not expected to grow very much. New industries are emerging and new occupations are being created, however, and that's where students should look for jobs.

Schiebelbein said growth is occurring in these industries: telecommunications, computers, software, instrumentation, robotics, research and design, medical technology, pharmaceuticals, biotechnology and environment. The greatest percentage of growth is occurring in these areas, but there are forecasts that growth will occur in related service industries, she explained.

The CaPS spokesperson said that 80 percent of the new jobs are being created by small- and medium-sized businesses. Those businesses are looking for entrepreneurial people who have managerial skills. The competition for some of these jobs will be intense.

Schiebelbein attempted to dispel the myth that the economy is not creating jobs.



Joan Schiebelbein, CaPS Manager of Career Services

Typically, commentators are talking about fulltime, permanent jobs, she said, but jobs are being created that are term, contract and parttime positions. And more people are working at home.

The income gap is also increasing between highly educated workers and those without a lot of education. And there simply aren't well-paying factory jobs the poorly educated can rely on, as they did a

generation ago. Pay and advancement will depend more heavily on performance and skills than on seniority.

Business will be turning its attention to traditionally under utilized sources of labour, such as women in some occupations and the disabled, to meet their workforce needs. There will be a heavier dependence on immigration and more retraining for mature workers.

Where are the Jobs?
(1) The greatest % of employment growth will be in the "new" economy
(2) The driving force behind job creation in Canada is small- and medium-sized employers
(3) What opportunities are being created by change?

Music archive finds home

And Ethnos starts again

By Paul Brennan

The University of Alberta's ethnomusicological archive, provisionally entitled the Institute for Studies in Ethnomusicology, is now permanently housed in 2-13 Fine Arts Building.

The room, renovated during the fall term, houses the extensive collection of ethnographic sound and video recordings. The laboratory is taking shape now, including an accessible database about the materials. Arrangements are being made with Computing and Network Services to offer remote access to the database through Telnet. An opening ceremony is planned: stay tuned.

As part of an ongoing commitment to collaborate with musicians and scholars in the community, the materials housed in the Institute will be available for public use. Among the most recent contributions are the research projects submitted by graduate students for Music 666 (Field Methods in Ethnomusicology), instructed by Regula Qureshi. Graduate students completed projects on vocal pedagogy in Hindustani classical music (Melinda Cooke); a black gospel congregation in Edmonton (Krista Gilliland); the Punjabi musical genre bhangra in Edmonton (Paul Brennan) and traditional music in the Chinese community (Brian Cherwick).

After a short sabbatical, Ethnos, an informal discussion group with a focus on the study of music in a cultural context, is starting again with a series of lunch-time meetings. The meetings are open to all, and a special invitation goes out to graduate students in other Faculties who have an interest in music and culture.

Panel discussions on topics of burning interest, presentations of works-in-progress and musical presentations can all be accommodated. To find out more about contributing, phone Paul Brennan (433-0049) or watch for the forthcoming Ethnos on-line news group (ethnos@uablrta.ca). More information about events will be posted or provided on-line.

FOLIO

Volume 32 Number 20

OFFICE OF PUBLIC AFFAIRS,
400 ATHABASCA HALL
UNIVERSITY OF ALBERTA, EDMONTON,
ALBERTA T6G 2E8
TEL: (403) 492-2325 FAX: 492-2997
PROFS - ZZOPA

TONY MYERS: Director, Office of Public Affairs

All enquiries and correspondence should be directed to:
RON THOMAS: Editor
MICHAEL ROBB: Assistant Editor

CONTRIBUTORS:

Paul Brennan
Judy Goldsand
Dinah Gray
Sandra Halme
Tony Myers
Elsa Roehr

Graphic Design: Ray Au

Public Affairs produces *Folio* on a regular basis for employees and volunteers at the University of Alberta.

Folio's mandate is to serve as a credible news source for internal audiences by communicating accurate and timely information about issues, programs, people and events.

DEADLINES:

Notice of coming events: 9 am three weeks in advance of event. Classified advertisements: 3 pm one week before desired publication date. This date also serves as the deadline for cancellation of advertisements.

Advertisements cost 40 cents per word with no discount for subsequent insertions. There is a limit of 40 words and a minimum charge of \$2.00. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Display advertisements: 3 pm Friday, seven days before desired publication date. Camera-ready artwork is required to size, complete with halftones if necessary. Call 492-0436 for sizes, rates and other particulars.

The editor reserves the right to limit, select, edit and position submitted copy and advertisements. Views expressed in *Folio* do not necessarily reflect University policy. *Folio* contents may be reprinted with acknowledgment.

ISSN 0015-5764 Copyright 1995

The Look of a Poem holds sway at Special Collections

Represents important aspects of our holdings — Librarian John Charles

By Michael Robb

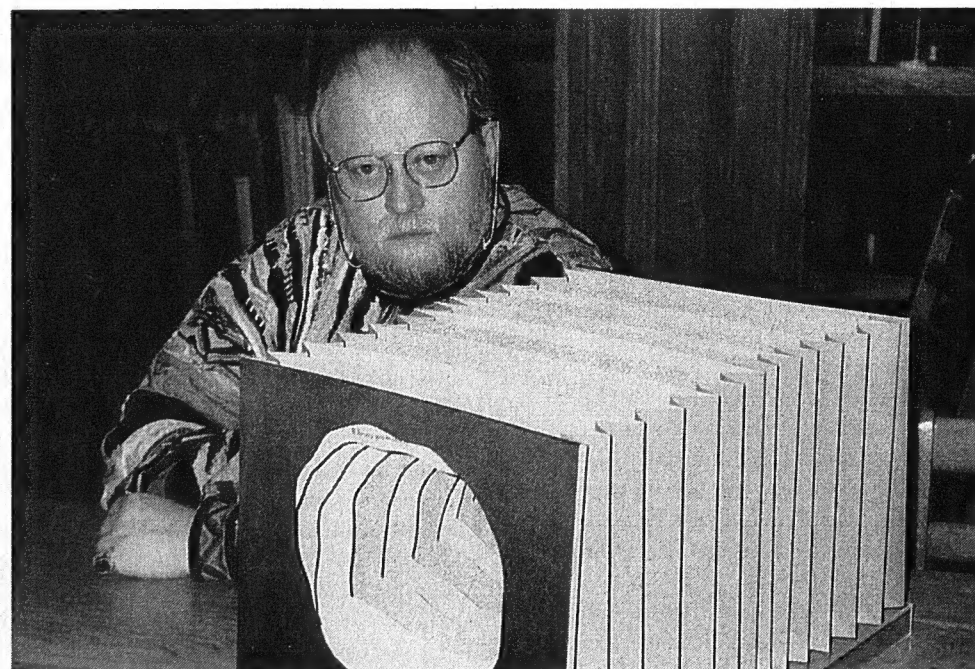
Accordion books, large portfolios, pop art and other rare volumes are now on display at the Bruce Peel Special Collections Library, lower floor of Rutherford South.

The Look of a Poem is an extravaganza of modern poetry illustrated in unusual formats. The "artist books" tend to be collaborations between artists and poets, explains Special Collections Librarian John Charles. "We have quite a number of these books in our collection."

The exhibit should prove to be particularly interesting to art and design and English students. Some of the works are extremely rare, and this is the only collection of its kind in western Canada.

The exhibit includes works by John Ashbury, Michael Ondaatje, Amy Clampitt, Elizabeth McDevitt, Dame Edith Sitwell, Leopold Senghor, Gary Snyder, Margaret Atwood and their contemporaries.

The exhibit continues until 15 March.



Special Collections Librarian John Charles examines Elizabeth McDevitt's poem Octopus. Illustrations are by Julie Chen. The work was published by Flying Fish Press in 1992.

CURRENTS

EFF - University Teaching Research Fund: application deadline

The deadline for receipt of applications to the EFF - University Teaching Research Fund is 15 February 1995. Application forms are available from University Teaching Services, 215 CAB. Telephone 492-2826.

CaPS session looks at immigrating to the States

"Immigrating to the United States: An Information Session on Work Visa" will be held 3 February at 12:15 pm in 214 SUB. Admission is free. Further information is available at Career and Placement Services (CaPS), 4th floor SUB.



University
of
Alberta

Visiting Committee sees Academic Health Centre in action

By Judy Goldsand

The young parents talked about the emotional roller coaster they were on after each of their children was born weighing approximately two pounds, about two months pre-term. "You basically live in the intensive care unit for many weeks until the baby can come home," said the mother.

Holding their two children, the couple talked about their experiences with members of the Faculty of Medicine's second annual Visiting Committee, just before Visitors toured the University's Neonatal Intensive Care Unit and learned about some of the research conducted in the Perinatal Research Centre.

The Visiting Committee program, held 16 and 17 January, was designed to demonstrate the value of an academic health centre to its community. Visitors saw clearly that patients treated in such a centre receive the benefit of "cutting edge" research findings. The community also benefits when world-renowned scientists attract millions in research dollars to the local economy.

An academic health centre links teaching and research with patient care. These links were vividly etched when, before touring research laboratories, Visitors spoke with patients who had benefited from particular research discoveries.

Visitors also saw the "bionic glove" in action before visiting the Division of Neurosciences to learn more about the is-

suues involved in patenting and marketing research discoveries. They questioned the recipient of a kidney transplant prior to touring the Dialysis Unit and Nephrology and Immunology labs. And they chatted with a patient who had undergone angioplasty (a process of inserting a balloon to open an artery) before learning about relevant research taking place in the Department of Biochemistry.

After having lunch with students, Visitors were frank in expressing their views in focus groups dealing with curriculum development, conflict of interest in research, and health reform. "It's important for us to have this public input on issues critical to our Faculty," said Dean Lorne Tyrrell.

Ronald Odyński, QC, a member of the University Senate, co-chaired the Visiting Committee with Ruth Collins-Nakai, Associate Dean for Faculty Affairs. Members of the Visiting Committee included: Wendy Armstrong, president of the Consumers' Association of Canada; Alf Bogusky, executive director of the Edmonton Art Gallery; Muriel Cheriton, Optum Group Consultants; Burn Evans, chair of the Faculty's parent-spousal committee; John Ferguson, chair of the University's Board of Governors; Fred Filthaut, vice-president and general manager, Sunwapta Broadcasting and CFRN TV; Bill Grace, vice-chair of the Capital Health Authority; Al Hyndman, strate-



John Van Erde tells Visiting Committee members about the special features of the incubator taken (often by air) to rescue preterm babies born in northern Alberta or NWT. His listeners are, from left, Sylvia McKinlay, Helen Kolber, Art McMullan and Claire Ingles.

gic projects executive, Syncrude Canada; Claire Ingles, director of health industry marketing for AGT; Helen Kolber, member of the parent-spousal committee; Vivian Manasc, architect with Groves Hodgson Manasc; Sylvia McKinlay, executive director of Alberta Women's Institutes; Art McMullan, president, Edmonton Council for Advanced Technology; Campbell Miller, chair, Capital Health Authority; Penny

Reeves, U of A Board of Governors member; Hank Reid, president, Churchill Corporation; Barry Rempel, chair, Edmonton Chamber of Commerce; Ed Taylor, vice-president administration, Alberta Pacific Forest Industries; Joseph Thompson, vice-chair and CEO, PCL Constructors Inc; and Hazel Wilson, vice-president, Alberta Council on Aging.

Reform part of UN's golden anniversary

By Elsa Roehr

The United Nations turns 50 this year, and a trio from the University of Alberta is helping to plan the celebration. But it won't be a party. Instead, the UN is taking a critical look at itself and its role to see where improvements can be made so it can continue to be an effective force for world peace.

Doug Roche, a Visiting Professor in Political Science and Officer of the Order of Canada, chairs the Canadian Committee for the 50th Anniversary of the United Nations.

The 200-plus membership list reads like a who's who of Canadian culture, politics,

learning and business, with names like Maureen Forrester, Ed Broadbent, June Callwood and Allan Taylor. It also includes Wilfred Allan, Director of Alberta International, and student representative Kavita Duggal, Director for Information Services with the Students' Union.

The national committee has two goals: commemoration, to help raise public understanding; and reform, to build support for and strengthen the UN for the next 50 years.

Reform will deal with the entire system, not just the peacekeeping role. "The UN has

16 specialized agencies and 14 world programs," said Dr Roche. "There is not an inhabitant on this planet of 5.7 billion people who is not affected by the extensive work of the UN."

To that end live satellite committees—Mass Outreach, Education and Public Awareness, Youth Outreach, Arts and Culture, and UN Reform—are organizing activities that will help define the UN of the future.

As a member of the Youth Satellite Committee, Duggal is responsible for student activities in Alberta, Saskatchewan and the Northwest Territories. Wilf Allan is a community representative on the national committee. "I don't represent the University of Alberta specifically," he said. "I'm promoting UN activities to postsecondary institutions generally, especially universities, and particularly the U of A."

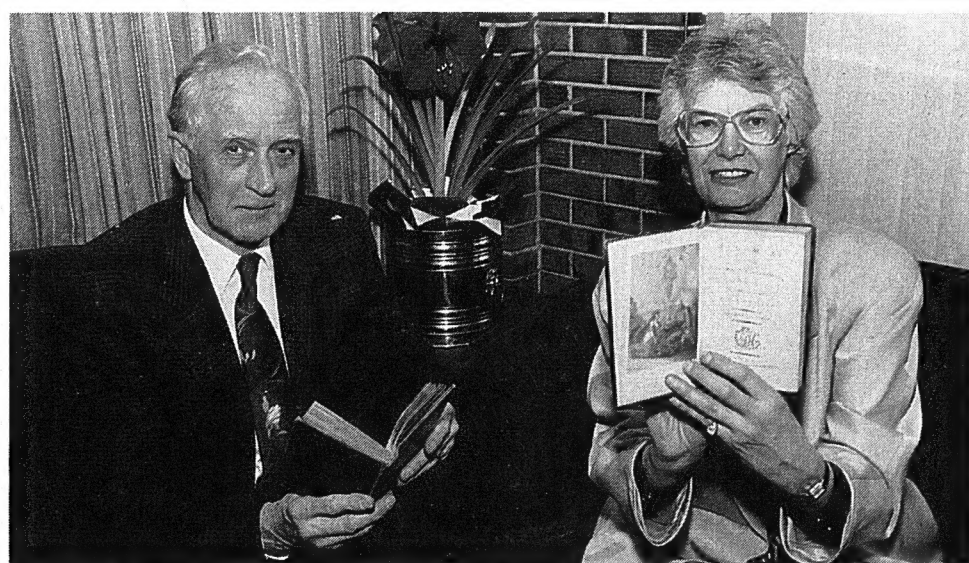
On campus, the UN anniversary will be a large part of International Week, 27 January to 4 February. On Monday, 30 January, Alex Volkoff, director of UN programs for the Canadian International Development Agency (CIDA), will lead discussions on UN reform that will help the organization become a more effective instrument for change in achieving global harmony.

Another session is "Reforming the United Nations: According to Youth", sponsored by the UN/50 Youth Satellite Committee. The International Week program has a full listing of activities. Other campus events are being planned during the year; *Folio* will report on them as plans are finalized.

"I hope we can highlight some of the things that have been going on on campus all along," said Allan. "The Department of Political Science recently hosted a lecture by David Malone, director general of Policy Staff for the Foreign Affairs and International Trade and former chair of the UN Peacekeeping Committee. That kind of thing goes on all the time."

Perhaps the strongest ongoing campus event associated with the United Nations is Dr Roche's 400-level course, "War and Peace in the 1990s." "I believe so deeply in the UN, I've spent a good part of my professional life on it," said Dr Roche, who was Canadian Ambassador for Disarmament from 1984 to 1989. His students benefit richly from his experience, gaining insight into the issues and workings of the UN.

For more information, to organize a commemorative event or to contribute to the reform discussions, please call either Wilf Allan at 492-2958 or Kavita Duggal at 492-2784.



Thanks to city man, 200-year-old book now resides in English Department

Thomas Lever makes a gift of a two-volume 18th century book to the Department of English, accepted here by Isobel Grundy. Lever made the gift last Monday after being hosted for lunch at the Faculty Club. *Emma, or the Unfortunate Attachment* is one of two books written by Georgiana Spencer, Duchess of Devonshire (a collateral ancestor of the present Princess of Wales). It was first published in 1773; Lever's book is a 1786 edition. He offered the book after reading about *An Integrated History of Women's Writing in the British Isles*, the research project that earned a \$1.5 million SSHRC grant. Dr Grundy, a Henry Marshall Tory Professor, is one of the principal researchers with that project.

GSA Continued from page 1

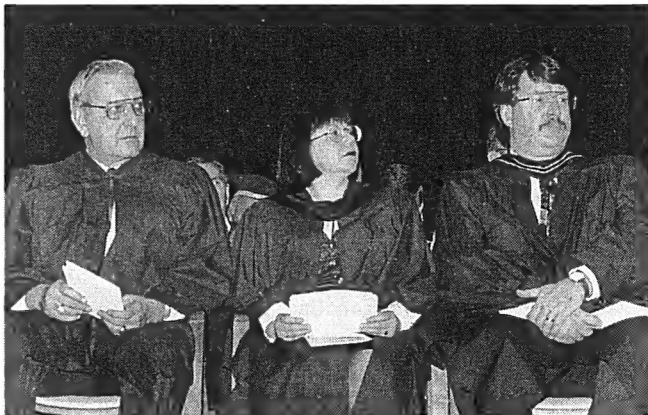
The decision not to participate mirrored that of the Canadian Graduate Council, the national organization that represents 17,900 graduate students. CGC Chair Duncan Phillips said last week, "While most graduate students I have spoken to on the issue of the federal discussion paper have voiced concerns, they have been more interested in

generating better alternatives to the proposals rather than protesting."

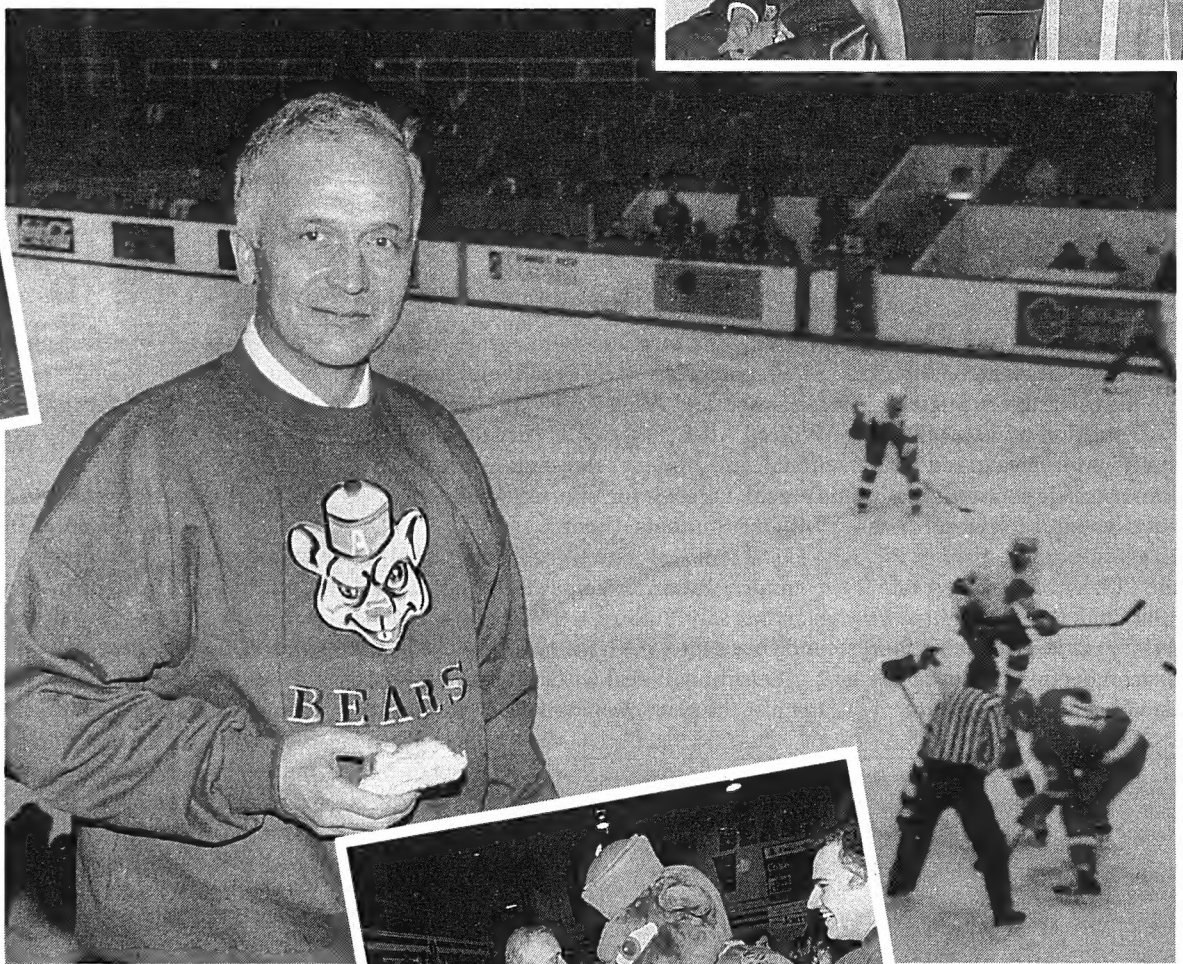
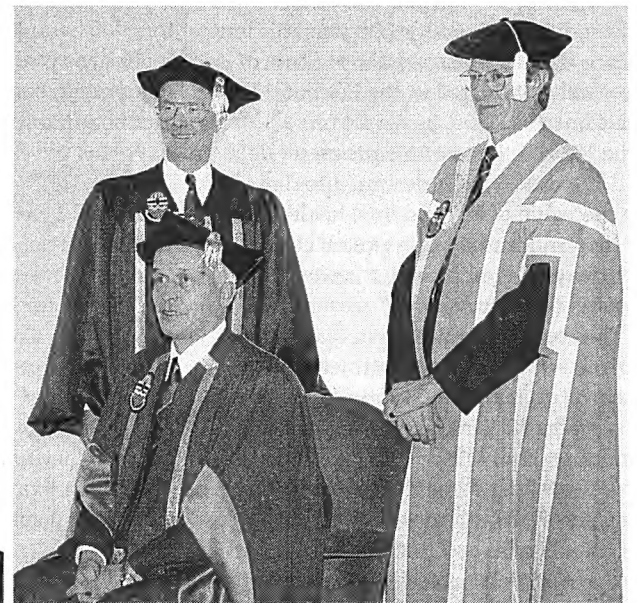
Instead, the CGC is organizing an International Graduate Student Appreciation week in early April, in conjunction with organizations in the United States and Great Britain. According to Phillips, this will be a more constructive demonstration of the value of graduate students to society and the potential contributions students can make when they graduate.

Welcome, Dr Fraser!

University
of
Alberta



It was a busy week for our new President, Rod Fraser. Left, Alderman Leroy Chahley, Minister of Natural Resources Anne McLellan and Vice-President (Finance and Administration) Glenn Harris listen to the President's installation speech last Friday. Right, Chancellor Lou Hyndman and Board of Governors Chair John Ferguson pose with the President. Below, Dr Fraser took in many of the weekend's sports events and found time to dance up a storm with his wife Judith.



All photos by Photo Services

MBA gets facelift

Listening to business and alumni leads to change

By Sandra Halme

Dave Jobson, the Faculty of Business's Associate Dean (MBA/MPA), separates the changes to the master's of business administration (MBA) degree into macro and micro categories.

The macro changes, he points out, are aimed at cutting down on the duplication within other master's-level programs on campus; the micro alterations are aimed at making the MBA more relevant to the needs of both students and employers. "We have listened to the people who will be employing our graduates," says Dr Jobson, "and have adapted our MBA to meet their and our students' needs."

Dr Jobson explains that reducing duplication isn't a foreign concept to the Business School as they already offer joint degrees with Law and Mechanical Engineering. The latest initiatives involve the Faculties of Education, Medicine and Physical Education and Recreation, where joint master's degrees are to be offered (September 1995) in educational administration, health services administration and leisure and sport management. Dr Jobson estimates that about 30 percent of the MBA enrollment for September will come from students in these three joint degree programs.

By using the existing expertise within the Business School, Dr Jobson says these new joint programs will not result in additional costs. He adds that they will create a niche for the Faculty because few universities have gone this specialized route, and will also result in students being better prepared to handle administrative positions upon graduation.

Listening has been a large part of the changes to the MBA, according to Dr Jobson, and this is reflected in the micro changes to the curriculum. "In our discus-



Dave Jobson, Associate Dean in the Faculty of Business, and his colleagues listened closely to what potential employers of MBA graduates had to say about the program.

sions with business people and alumni, those graduates most in demand are those who can handle more complex problems as well as integrate marketing, finance and accounting expertise." What the MBA program surveys found was that employers want graduates with strong interpersonal skills and the ability to work in teams and to perform not only the "how" but provide the "why" as well.

In an attempt to meet this challenge, the MBA program will offer six-week teaching modules in the first year instead of 13-week modules. This provides a better opportunity for integrating the various subject areas. As well, by breaking the curriculum into smaller pieces, students will be exposed to more areas of business education

and have the opportunity to apply this additional knowledge to problem-solving earlier in their MBA studies. In addition, students in first year will be placed in teams and will remain with the same people for an entire semester instead of finding themselves on a different team in each class. Learning the team approach to business is the objective here.

Another initiative is an extended (from one to two weeks) skills orientation program taken before regular classes begin. Here first year MBA students learn and evaluate their own skills level with respect to the specific MBA program needs.

Dr Jobson divides the traditional MBA student into two groups: older students, often already in management positions, who enroll to obtain additional skills, and younger students who want to acquire the skills necessary for a management job in their degree field. He cites the example of Joan Greabill, a music degree holder who, following her MBA, became marketing manager for the Edmonton Symphony Orchestra. Robert Hallam, general manager of the Vancouver Opera, took his MBA after earning a Fine Arts degree.

The new initiatives in the Faculty and the specialty niches they will likely create could lead to an increased enrollment for the program, currently at 40 full- and 40 part-time students. "Ideally, we'd like to have about 60 students in both full- and part-time study," says Dr Jobson, adding that plans call for advertising. What he plans to emphasize is that an MBA degree from the University of Alberta is a bargain when compared to the \$20,000-\$25,000 it costs in the US. He's confident the Faculty can compete favourably with American universities and other Canadian business schools.

Eli Lilly Pharmacology Grantee Award to Colmers

Research adds to understanding of how the brain works

By Judy Goldsand

Prevention of brain injuries and strokes is one step closer because of Bill Colmers' research. His discovery of the way in which neuro-peptide Y works has earned Dr Colmers the Eli Lilly Pharmacology Grantee Award for 1994.

For the past 10 years, Dr Colmers has concentrated on learning more about neuro-peptide Y. Finding that this peptide inhibits the excitatory transmission between nerve cells was significant, he says. This is the kind of transmission that leads to brain damage, strokes, and diseases such as epilepsy.

Neuro-peptide Y was discovered in 1982 at the Karolinska Institute in Stockholm. It is the most abundant peptide in the brain, says Dr Colmers, and for many years researchers were satisfied with finding out which cells contained it.

Dr Colmers and his associates have been working to carefully map not only where, but how neuro-peptide Y works. He says, "Because we have learned how it works, we've been able to use it as a tool to better understand how the brain works."

The Eli Lilly Pharmacology Grantee Award is intended as a prestigious award for young faculty members, and is not linked to existing research projects with Lilly. Nominations are solicited from the Lilly Pharmacology Division senior staff. The first

Continued on page 5

ANTHROPOLOGY

27 January, 3 pm

Barbara Scott, University of Minnesota, "Viking Scandinavia: From Iron Age Chiefdoms to Medieval States." 14-28 Tory Building.

CANADIAN INSTITUTE FOR NORDIC STUDIES

30 January, 7:30 pm

Barbara Scott, University of Minnesota, "Christianity, Kings, Money and States: Vikings on the Brink of History." 141 Arts Building.

CATHOLIC CAMPUS MINISTRY

7 February, 7:30 pm

Father Timothy Scott, "Understanding Catholicism Today—Scripture in the Church." Newman Centre, St Joseph's College.

ENGLISH

31 January, noon

Research Seminars in Early Women—Richard Pickard, "The Construction of Women: Social Order in Augustan Poems of the Country House." Senate Chamber, Arts Building.

GEOGRAPHY

27 January, 3 pm

Pam Wight, Alberta Economic Development and Tourism, "Sustainable Tourism." 3-36 Tory Building.

3 February, 3 pm

Ray Bradley, Department of Geology and Geography, University of Massachu-

setts, "Climate Variations Over the Last 500 Years: The Little Ice Age." 3-36 Tory Building.

10 February, 3 pm

Bob MacMillan, Department of Geography, University of Edinburgh, "Modelling Depressional Storage in a Canadian Prairie Landscape." 3-36 Tory Building.

HISTORY (GERMAN STUDIES)

3 February, 2 pm

Dorothee Wierling, University of Washington, Seattle, "Between Old and New: Women in the Weimar Republic." 141 Arts Building.

HUMAN ECOLOGY

31 January, 3:30 pm

Catherine Bell, "Self-Government on Alberta's Metis Settlements: A Unique Solution to a Constitutional Dilemma." Chapel (Main Floor), St Stephen's College.

LIMNOLOGY AND FISHERIES

2 February, 12:35 pm

Mike Sullivan, fisheries biologist, Alberta Environmental Protection, "Walleye Management in Alberta." G-116 Biological Sciences Centre.

TALKS

9 February, 12:35 pm

Renato Vitic, "Stock Identification in Lake Trout and the Search for the Holy Grail." G-116 Biological Sciences Centre.

PETER JACYK CENTRE FOR UKRAINIAN HISTORICAL RESEARCH

30 January, 3:30 pm

Andriy Nahachewsky, "Old Ethnicity and New Ethnicity in Canadian Ukrainian Culture." 352 Athabasca Hall.

PHILOSOPHY

2 February, 3:30 pm

Christopher McCurdy, Red Deer College, "The Dispositional Nature of Probability in the Propensity Interpretation." 4-29 Humanities Centre.

RURAL ECONOMY

30 January, 3:15 pm

William A White, "Ecological Economics: Forest Economics Done Right?" 519 General Services Building.

2 February, 3:15 pm

John Caldwell, policy analyst, Agriculture and Agri-Food Canada, Ottawa, "The Changing Financial Structure of Canadian Agriculture." 519 General Services Building.

6 February, 3:15 pm

Martin K Luckert, "Efficiency Implications of Silvicultural Expenditures from Separating Ownership and Management on Canadian Forest Land." 519 General Services Building.

SOCIOLOGY

1 February, noon

Mike Gillespie, "Separating Stress from Distress in Measures of Affect in Couple Data." 5-15 Tory Building.

WOMEN'S PROGRAM, EXTENSION

8 February, 7 pm

Orlene Lacey, "Mutual Funds: Women's Issues in Investing." L-2 Humanities Centre.

ZOOLOGY

27 January, 3:30 pm

Mark Wilson, "A Paleozoic View of Mouths, Guts, and Fins." M-149 Biological Sciences Centre.

ZOOLOGY 642

31 January, 12:30 pm

Andrew Spencer, "Action Potentials and Habituation in Epithelial Cells of Jellyfish." G-114 Biological Sciences Centre.

This symbol denotes environmentally-related seminars/events. If you wish to have an environmentally-related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-6659.

POSITIONS

The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

ACADEMIC STAFF

CHAIR, WOMEN'S STUDIES PROGRAM

The Women's Studies Program in the Faculty of Arts seeks a new Chair effective 1 July 1995. The position normally has a term of three years, and is open to all tenured academic staff with scholarly interests in Women's Studies.

Women's Studies is a full degree program in the Faculty of Arts, but draws on teaching and research about women conducted in many Faculties and fields of study. It is thus interdisciplinary and collaborative in orientation. The duties of the Chair include calling meetings of the governing Program Committee/Council at intervals throughout the academic year; inviting and developing liaison with and among the campus-wide Women's Studies community; sustaining fruitful contacts with Women's Studies Programs elsewhere; and representing the Program in Faculty and University councils and to the public. The Chair is also responsible for the standard administrative duties associated with the evaluation and development of academic staff, curriculum, budgets, course assignments and general academic leadership, including working with Women's Studies teaching staff to sponsor visiting speakers, collaborative research fora and other scholarly activities.

Applications or nominations for the position, supported by a *curriculum vitae*, should be sent to: The Dean's Advisory Selection Committee, c/o Associate Dean Gurston Dacks, Faculty of Arts, 6-33 Humanities Centre, University of Alberta, Edmonton, Alberta. The deadline for submission of applications is 1 March 1995.

Applications or nominations for the position, supported by a *curriculum vitae*, should be sent to: The Dean's Advisory Selection Committee, c/o Associate Dean Gurston Dacks, Faculty of Arts, 6-33 Humanities Centre, University of Alberta, Edmonton, Alberta. The deadline for submission of applications is 1 March 1995.

SUPPORT STAFF

To obtain information on support staff positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall. You can also call the Job Information line at 492-7205 (24 hours) or consult the weekly *Employment Opportunities Bulletin*.

EVENTS

FILMS

GERMANIC LANGUAGES

7 February, 7:15 pm
"Angst essen Seele auf" (1974) German.
141 Arts Building.

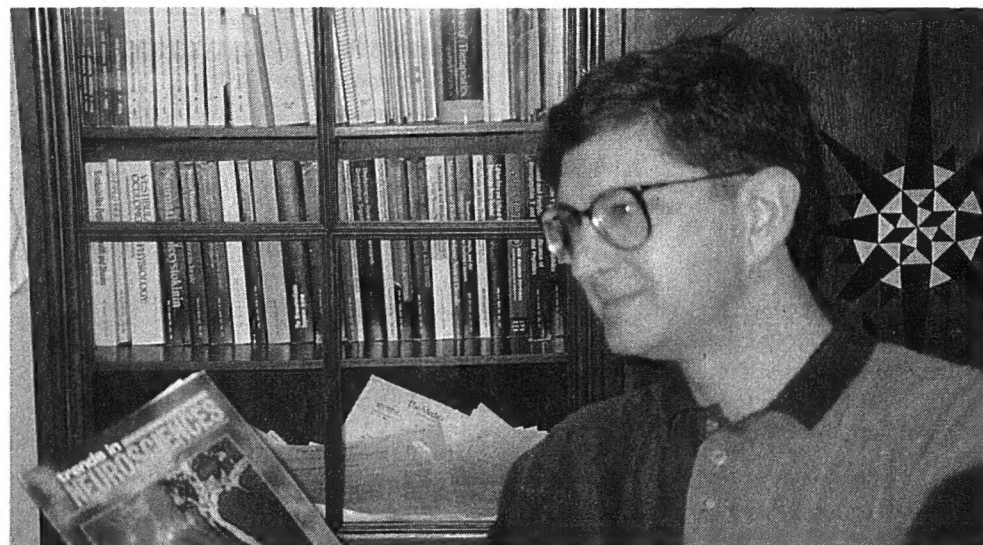
MUSIC

DEPARTMENT OF MUSIC

28 January, 8 pm
I Coristi Chamber Choir with Marnie Giesbrecht, organist. Debra Cairns, conductor. Admission: \$10/adults, \$7/students and seniors. Westend Christian Reformed Church.

30 January, 8 pm
Doctor of Music Lecture-Recital: Milton Schlosser, piano. De Profundis: for speaking pianist (1992) by Frederick Rzewski. Convocation Hall.
4 February, 8 pm
World Music featuring Tilo Paiz and his Banda Amistad. Admission: \$12/adults, \$10/students and seniors. Dinwoodie Lounge, SUB.
8 February, 12:10 pm
Noon-Hour Organ Recital, featuring PJ Janson, organist of Augustana University College, with Len Busse, trumpet. Convocation Hall.

Colmers Continued from page 5



Bill Colmers (Pharmacology) peruses *Trends in NeuroSciences*

Canadian to win this award, Dr Colmers will receive \$10,000 annually for two years.

"We are very excited about the selection of Dr Colmers for the award," said Dr

Brad Bolzon, manager of Scientific Liaison for Eli Lilly Canada Inc, as he presented Dr Colmers with the award 23 January. "He typifies the excellence that is emerging in the Canadian scientific community."

ADS

ACCOMMODATIONS FOR RENT

MICHENER PARK - Two bedroom rowhouses and apartments for rent in University residence located in southwest Edmonton. Excellent bus service to University, utilities included. University inquiries welcome, 492-7044.

MODERN! MILLCREEK! Perfect! Fourth floor furnished condo. Southwest exposure, one bedroom, den, jacuzzi tub. Eight month lease, nonsmokers, no pets. \$800/month. Western Relocation, 434-4629.

WEST END CONDO - Two bedrooms facing park. \$650/month, immediate possession. Western Relocation, 434-4629.

HOUSE TO SHARE - Quiet, mature nonsmoker to share charming house with mature female. Near University. \$280/month plus utilities. Available 1 February. 436-0894.

OLD STRATHCONA - Beautifully renovated two storey character home. Three bedrooms, two baths, double car garage. Available immediately. Long term/short term lease is fine. \$850/month. 482-0024.

EXECUTIVE HOUSE for rent. \$1,800/month. Whitemud Creek. Call 988-6835.

WINDSOR PARK - 1/2 block from campus. Fully furnished four bedroom house. Three baths with furnished basement. \$1,500/month negotiable. Available 15 May 1995 to August 1996 approximately. 433-7165 or 492-5301.

WINDSOR PARK - Four bedroom house. Five appliances, two bathrooms, single garage. 458-0382.

11109 81 AVENUE - Two bedrooms, main floor. Garage, four appliances. \$600/month. 438-3441.

RIVERBEND EXECUTIVE HOUSE - 1 1/2 storey, four years new. Four bedrooms, furnished, security system. \$1,150/month plus utilities. 1 May 1995 to July 1996. You may also lease my car. 492-0216 or 438-8332.

FURNISHED ROOM for rent, close to University. Female, nonsmoker. Call 488-7425.

LARGE, BEAUTIFUL rowhouse. Excellent location. Incentives on lease. 497-2413.

SABBATICAL - Two plus one bedroom bungalow. Four appliances, fenced yard, borders park. Fifteen minutes to U of A. Good bus, services, plug-in parking. Pet okay. 1 July 1995, one year lease. \$695/month plus damage deposit. Call office hours, 492-7302.

ONE BEDROOM SUITE available immediately. 12614 107 Avenue. \$350/month. Seven minutes to University. 465-6836.

INTERESTED in buying, selling or leasing a condominium? Call me first. Available from \$33,000 to \$474,500. Ask for Connie Kennedy, condo consultant/specialist, 25 years. Re/Max, 488-4000.

ACCOMMODATIONS WANTED

VISITING RESEARCH ASSOCIATE looking for sublet or housesitting arrangement. February to May 1995. Excellent references. Please call Steve at 439-7837 after 6:00, or leave message at 492-2235.

ACCOMMODATIONS FOR SALE

VICTORIA PROPERTIES - Knowledgeable, trustworthy realtor with Edmonton references will answer all queries, send information, no cost/obligation. "Hassle-free" property management provided. (604) 595-3200, Lois Dutton, Re/Max ports west, Victoria, B.C.

CARRINGTON PLACE - Sparkling one bedroom condo with easy access to parking

(ground floor unit). Janet Jenner, Spencer Real Estate, 435-0808.

ORIGINAL OWNER HOME - On two lots, RF5 zoning. Perfect starter home with investment potential. Near public transportation, schools and shopping. Janet Jenner, Spencer Real Estate, 435-0808.

FOR SALE BY OWNER - Custom two bedroom, two baths. University/Garneau. Immaculate. A well-managed, owner-occupied building. Good reserve fund. \$128,500. 469-7515.

PROFESSIONALLY REDESIGNED - Completely renovated, four bedroom bungalow in Malmo. New custom kitchen, three baths, hardwood floors, fireplace, hot tub, double garage, mature landscaping. Loads of upgrades. Close to U of A. \$150,000. 437-2786.

BY OWNER - Riverbend. 1,536 square foot, three bedroom ranch bungalow. Bright, well kept, attractively landscaped. Quiet location. Attached double garage. \$178,900. 434-6591. Leave message.

WINDSOR PARK HOME - View. Split level. Large lot. \$227,000. 433-0212.

FIVE BEDROOM - Traditional upgraded two storey. New, light oak recreation room, den, 28-foot attached garage. Quiet, mature 100-foot lot. Shake roof, sprinkler system. \$235,000. Riverbend. Call Liz Crockford, Spencer Realty, 435-0808.

ELEGANT RAVINE CONDO TOWNHOUSE - 2,700 square feet. Modern decor, appliances, air conditioning, jacuzzi, double garage. Security, privacy, no maintenance. Asking \$245,000. Liz Crockford, Spencer Realty, 435-0808.

WINDSOR PARK - Two large properties, excellent locations, large lots. Walk to University. Liz Crockford, Spencer Realty, 435-0808.

BELGRAVIA - Two bedroom luxury condo in the 'Stratford' across from park. Open floor plan, fireplace, two car parking. Over \$10,000 below cost at \$139,900. Call Judy Packer, Spencer Realty, 483-7170.

STRATHCONA - Charming all-brick two storey on quiet street. Three bedrooms up, maple floors, main floor den, huge dining room, garage. A must-see at \$149,900. Call for more information. Judy Packer, Spencer Realty, 483-7170.

BELGRAVIA - 1,540 square feet, 1 1/2 stories. Beautiful trees, hardwood floors, fireplace, wonderful location. Immediate possession. \$166,500. Ed Lastiwka, Royal LePage, 446-3800.

BLUE QUILL CONDO - Three bedrooms, 1 1/2 baths, fireplace, lots of storage space in basement. New flooring in main bath and kitchen. Minutes away from University by bus or car. Call 435-5229 for appointment to view.

MILLCREEK CHARMER - Warm, spacious room, clawfoot tub, cozy fireplace. Extensive use of wood throughout. This renovated bungalow has it all. Close to amenities and Millcreek trails. \$112,000/high assumable mortgage. Please call Belinda Maygard, Century 21, 435-2121. Vendor licensed realtor.

GOODS FOR SALE

CASH PAID for quality books. The Edmonton Book Store, 433-1781.

MOHOGANY UPRIGHT PIANO - Excellent sound. Asking \$2,100 or best offer. 444-4733.

SERVICES

DONNIC WORD PROCESSING - Since 1978, specializing in theses, manuscripts and editing 453-2769.

DAVID RICHARDS CARPENTRY - Certified journeyman NAIT. Complete interior/exterior residential and commercial renovations including plumbing/electrical. References available. 436-6363.

HOME CLEANING - Hardworking, bonded staff. Reasonable rates. Able Maids, 433-9697.

MIKE REININGER RENOVATIONS - Maintenance, handyman services. No job too big or small. 424-2324.

TECH VERBATIM Word Processing. Editing, résumés, theses, medical terminology. Campus. Donna, 440-3714.

LEARN THE INTERNET: personalized instruction on accessing valuable Internet resources specific to your field. Chris and Josie Hammond-Thrasher, 433-3677.

WORD PROCESSING - Laser and colour printing, graphics, stationery, spreadsheets. 18+ years' experience (IBM). Katherine, 955-3354, 24 hours.

HOUSECLEANING - Reliable, experienced woman will clean your home. Excellent references. Jan, 436-0894.

PROFESSIONAL SEAMSTRESS - Specialize in wedding, bridesmaids' gowns. Ladies and children's apparel, maternity wear, general alterations. Our fabrics 10 percent off. 469-6292.

WORD WORKS - Word processing, editing. Experienced writer near campus. Call Nathan after 12:00 at 433-0741.

HALDORS - Now on Whyte is offering quality picture framing and photo restoration. Good parking. 10762 82 Avenue, 439-5445.

Paul Lorieau's University Optical



433-5500

"We value your eyes, and we'll prove it by offering the very best in optical care at everyday low prices."

Conveniently located in College Plaza
8217 - 112 Street - Edmonton, AB T6G 2C8

Catherine M. Fletcher D.D.S.

DENTIST

#980, 8215-112 Street
College Plaza 3
Edmonton, Alberta
T6G 2C8
439-2266

Our hours are:

Monday to Thursday
8:00 am - 4:00 pm
Friday by appointment

Lodging available for retreats, workshops, courses. Up to 30 private rooms available for long- or short-term use at Meanook Biological Research Station from February to April. Gourmet meals available for larger groups.

Daily rates, per person: \$25 without meals, \$50 with meals. Monthly rates, per person: \$325 without meals, monthly meal package available. Damage deposit required on monthly rentals.

For information, call Kathleen Gibson M-F, 0900 to 1700h @ (403) 492-5497.

helping make it happen...

- equipment searches
- general and statistical reports
- identifying (tag) new equipment assets
- management system for moveable assets
- advise on inventory procedures
- supplier information
- historical purchasing information

Equipment Inventory Services

supporting teaching and research

a partner in the TECHNICAL RESOURCE GROUP

For more information call 492-0149
101 Industrial Design Studio

GOURMET COFFEE

SUPER SALE 300 GM BAGS

QUANTITIES LIMITED

\$5.00

JAVA JIVE HUB MALL
U. OF A.



YOUR EMPLOYEE ASSISTANCE
PROGRAM (EAP)
"PEOPLE HELPING PEOPLE"

8625 - 112 STREET
EDMONTON, ALBERTA
T6G 1K8

BUS. 433-6811
1-800-661-7052
FAX: 433-6911



INVESTING
FOR
INCOME

IF YOU'RE CONFUSED ABOUT THE
RELATIVE MERITS OF THE MANY
ALTERNATIVE INCOME INVESTMENTS
YOU ARE NOT ALONE.

Now, ScotiaMcLeod has prepared a brief, easy-to-read booklet which is designed to strip away the mystery and confusion. It deals with secure investment income and the relative tax treatment of these various types of investments.

FREE BOOKLET

This booklet deals with:

- Interest Income
- Dividends
- Treasury Bills
- G.I.C.s
- Mutual Funds
- Canada Savings Bonds
- Term Deposits
- Bonds and Debentures

For your complimentary copy, call
Sylvia Haak

497-3222 or
1-800-661-7137 Toll-Free

ScotiaMcLeod
Trusted Investment Advice Since 1921

Riverwind

A breathtaking view from
every suite...



- New Suites in a New Building
- Only 3 Suites Per Floor 2 Bedroom & 2 Plus Den Floor Plans Available
- Super Energy Efficient Construction
- Video Monitored Front Entry
- Custom Finishing Option Available

Come and see for yourself!

Show Suites 10721 Saskatchewan Drive
439-4089



FEATURES



A campus tradition since 1976

BREAKFAST, LUNCH
OR SUPPER...



We would love to suit your
fancy! With two locations at

HUB International Marketplace, you'll be sure to find a diverse selection of fresh deli foods and a broad range of fresh roasted coffees.

DELI

- fresh sandwiches
- quiches
- meat pies
- sausage rolls

COFFEE SHOP

- gourmet coffees
- flavoured coffees
- organic coffees
- fine pastries
- premium ice cream

At Java Jive, the customer knows best.
You create it... we'll make it!

HUB

INTERNATIONAL MARKETPLACE

89th Ave. & 112 St.



PLEASE RECYCLE
THIS PAPER



Dr. Paul D. Schuller
PERIODONTIST (Specialist in the treatment of
gum disease)

Is pleased to announce the relocation of
his practice to **The Extension Centre.**

#710 8303-112 Street Edmonton, Alberta
T6G 1K4 433-9773
Appointments available without referral.

ARTranslation Inc.
Translation & Editing Services

Annie Robberecht
Certified Translator (ATIA, STQ)

Tel. 438-6105 Fax 436-9027
Full Editing Services Available in French

**Back problems?
Headaches?
Tension?
Injuries?
Stress?**

The European pain relief
alternative! Heat, massage,
chiro-gymnastics, inter-
ferential electricity.
Maria Kreig, spine specialist,
trained in Germany.
Reimbursable by
supplementary health care.

**BACK
BASICS**
Remedial Therapy

11610

75 Ave.

436-8059



**NEPAL
BHUTAN**

29 day all inclusive Tour

May 1 - 29, 1995

8 day Himalayan Trek or
Non-trekking Excursion

Chitwan National Park Wild
life Safari

Pokhara and Gorkha

Highlights of Kathmandu
Valley

**8 Day Exploration of
Eastern Bhutan**

Singapore Stopover

Limited participation. For
information-brochure contact

CULTOURS, Inc.

Phone/Fax (403) 433-3533

OIL CHANGE SPECIAL

QUAKER STATE 5W30 OSX INCLUDES:
lube, oil, filter and 21 point
inspection; We'll check the front
end, shocks, hoses, belts, lights,
brakes, tires, exhaust and fluids

\$16.95
with coupon
Disposal Fee extra
Applies to
most vehicles
Expires Feb. 3

**The TIRE
Warehouse**
"Complete Car Care Centres"

Also specialize in tune ups, brakes, front-ends and shocks.

SOUTHSIDE OPEN LATE
4717-99 St. 437-4555 Mon.-Fri. 7-9 Sat. 7-6
WESTEND
17108-107 Ave 484-4700 Mon.-Fri. 7-9 Sat. 7-5
CENTRAL
10550-116 St Mon.-Fri. 7-6 Sat. 7-5

The Tire Warehouse offers a complete range
of tire and automotive services and products.
Discounts available for U of A Staff and
Students (with valid ID) D194101A

It's a HUB of a Deal!



Plus, enter to win...

- \$500 off your 94/95 Tuition Fees
 - A Pair of Tickets to the Edmonton Opera
 - Ski Weekend for 2 to Banff
 - A \$100 Gift Certificate from Galatea Galleries
- plus much more!

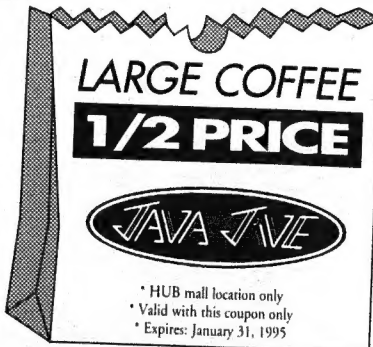
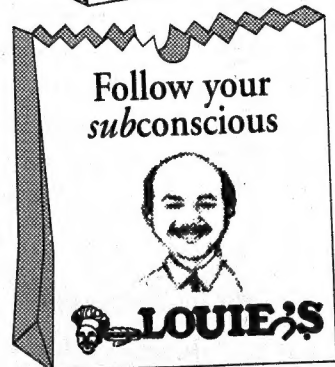
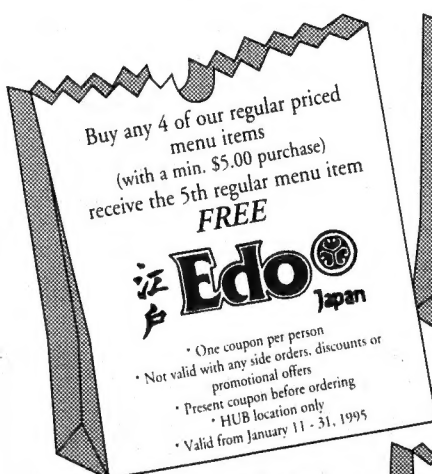
(Details and cards available at all merchants.)

HUB

INTERNATIONAL MARKETPLACE

environmentally conscious

89th Ave. & 112 St.



Co-sponsored by:

EDMONTON OPERA 94 - 95 SEASON

GALATEA GALLERIES

SENATE TRAVEL

TRAVEL CUTS

COMPLIMENTARY
WEEKEND
PARKING
ZONE ONLY